



CHECKLIST #0120 FOR THE APPROVAL OF: ROOF BOARD INSULATION

- Basic Requirements Checklist.
- One set of the manufacturer's 'approval document' including:
 - a) Specification sheets for each roof assembly submitted for approval,
 - b) Detailed application instructions for each product submitted for approval (including drawings if applicable),
 - c) Listing of all products, manufactured by your company used in the system, and
 - d) Listing of all products manufactured by others, including manufacturers name, used in the system.
- One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol PA 301.

Extruded Polystyrene (EPS) (See TAS 110 for minimum performance requirements)

- Density per ASTM C 303
- Compressive Strength per ASTM D 1621
- Flexural Strength per ASTM C 203
- Thermal Resistance per C 518
- PIMA CP 101
- Water Absorption per ASTM C 272
- Water Vapor Permeance per ASTM E 96
- Dimensional Stability per ASTM D 2126
- Flame Spread per ASTM E 84

Fiberglass/Mineral Woodfiber (See TAS 110 for minimum performance requirements)

- Standard Spec for Mineral Woodfiber per ASTM C 726
- Compressive Strength per ASTM C 166
- Thermal Resistance per C 518
- PIMA CP 101
- Water Absorption per ASTM C 209
- Water Vapor Permeance per ASTM E 96
- Flame Spread per ASTM E 84
- Linear Expansion per ASTM C 208 Class C & E

Wood Fiberboard (See TAS 110 for minimum performance requirements)



**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
BUILDING CODE COMPLIANCE OFFICE**

- ❑ Water Absorption per ASTM C 209
- ❑ Compressive Strength per ASTM C 165
- ❑ Thermal Resistance per ASTM C 518
- ❑ PIMA CP 101

Perlite (See TAS 110 for minimum performance requirements)

- ❑ Compressive Strength per ASTM D 1621 Procedure 'A'
- ❑ Flexural Strength per ASTM C 203
- ❑ Tensile Strength per ASTM C 209
- ❑ Thermal Resistance per ASTM C 518
- ❑ PIMA CP 101
- ❑ Water Absorption per ASTM C 209
- ❑ Water Vapor Permeability C 355
- ❑ Dimensional Stability per ASTM D 2126
- ❑ Flame Spread per ASTM E 84

Polyisocyanurate (See TAS 110 for minimum performance requirements)

- ❑ Density per ASTM D 1622
- ❑ Compressive Strength per ASTM D 1621
- ❑ Thermal Resistance per ASTM C 518
- ❑ PIMA CP 101
- ❑ Water Absorption per ASTM C 209
- ❑ Dimensional Stability (7 days) per ASTM D 2126
- ❑ Flame Spread per ASTM E 84
- ❑ Spread of Flame (with roof cover) per ASTM E 108